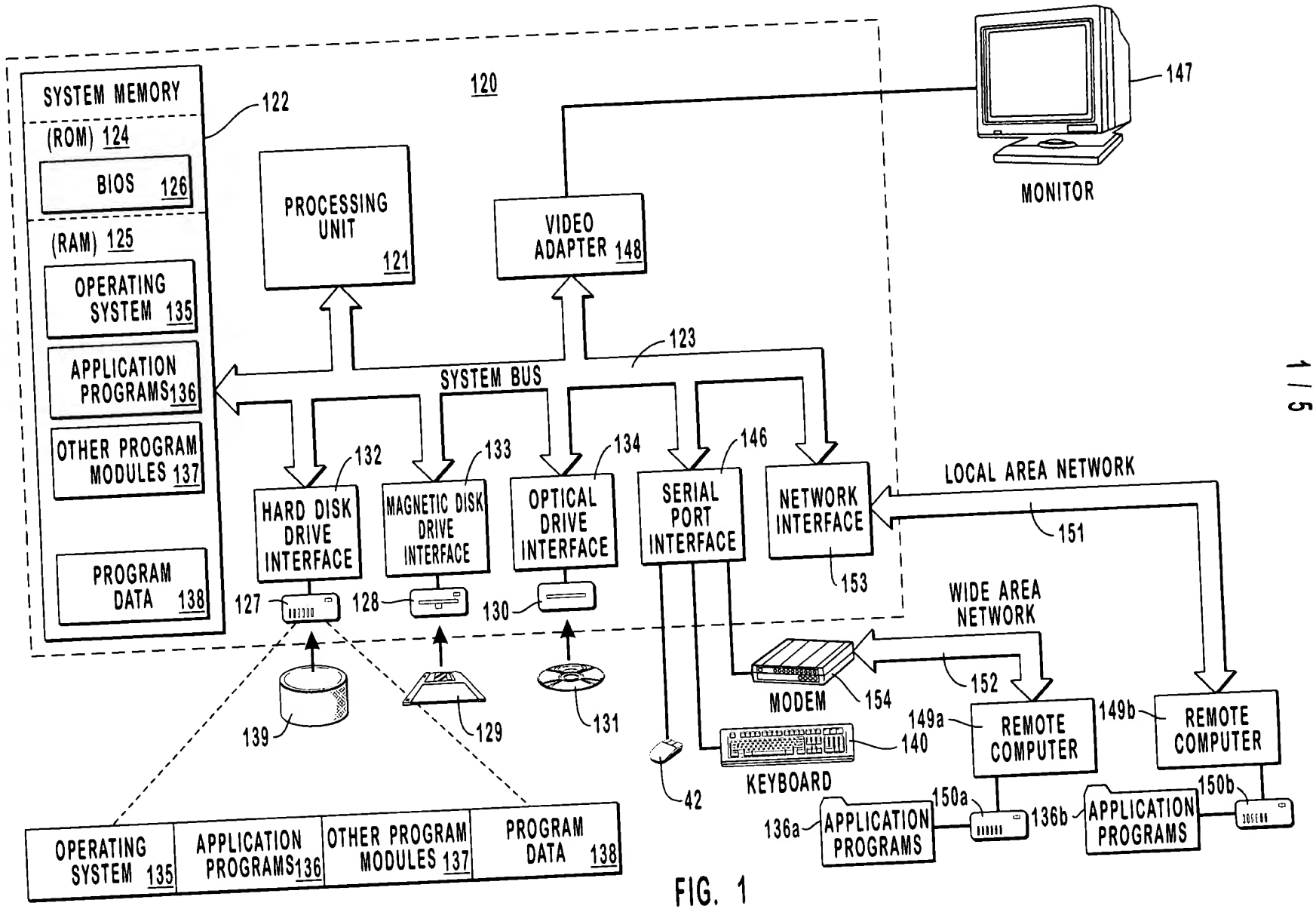
SYSTEM MEMORY
122
(ROM) 124
BIOS 126
(RAM) 125
OPERATING SYSTEM 135
APPLICATION PROGRAMS 136
OTHER PROGRAM MODULES 137
PROGRAM DATA 138
120
PROCESSING UNIT 121
VIDEO ADAPTER 148
147
MONITOR
123
SYSTEM BUS
HARD DISK DRIVE INTERFACE
132
MAGNETIC DISK DRIVE INTERFACE
133
OPTICAL DRIVE INTERFACE
134
SERIAL PORT INTERFACE
146
NETWORK INTERFACE
153
LOCAL AREA NETWORK
151
WIDE AREA NETWORK
152
127
128
130
139
129
131
MODEM
154
KEYBOARD
140
42
149a
REMOTE COMPUTER
149b
REMOTE COMPUTER
150a
150b
136a
APPLICATION PROGRAMS
136b
APPLICATION PROGRAMS
OPERATING SYSTEM 135
APPLICATION PROGRAMS 136
OTHER PROGRAM MODULES 137
PROGRAM DATA 138

FIG. 1

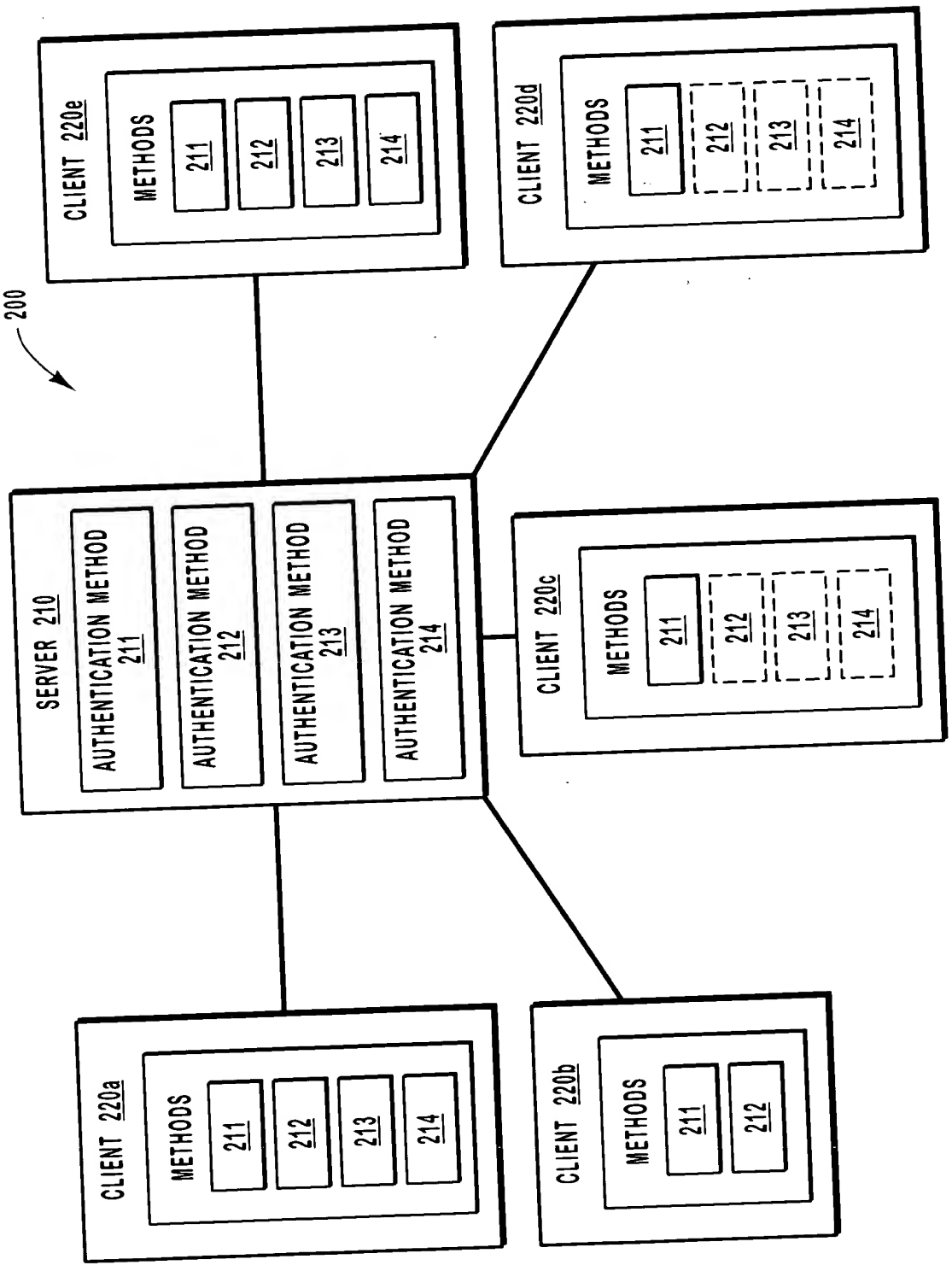
200
SERVER 210
AUTHENTICATION METHOD 211
AUTHENTICATION METHOD 212
AUTHENTICATION METHOD 213
AUTHENTICATION METHOD 214
CLIENT 220a
METHODS
211
212
213
214
CLIENT 220b
METHODS
211
212
CLIENT 220c
METHODS
211
212
213
214
CLIENT 220d
METHODS
211
212
213
214
CLIENT 220e
METHODS
211
212
213
214

FIG. 2

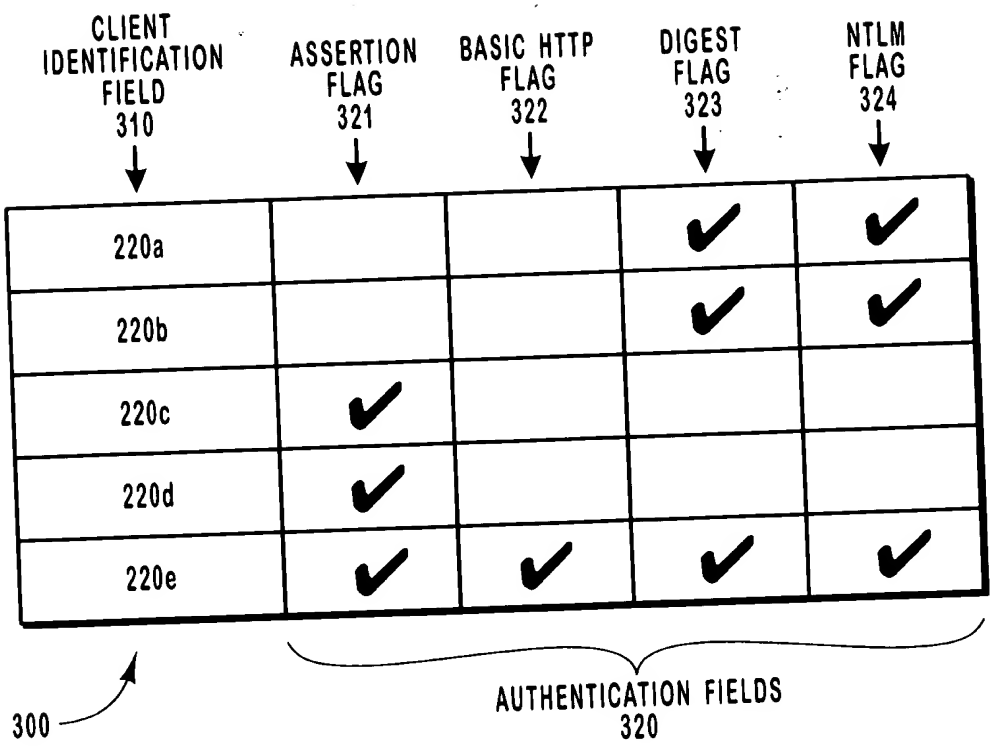
CLIENT IDENTIFICATION FIELD 310
ASSERTION FLAG 321
BASIC HTTP FLAG 322
DIGEST FLAG 323
NTLM FLAG 324
220a
220b
220c
220d
220e
300
AUTHENTICATION FIELDS 320

FIG. 3

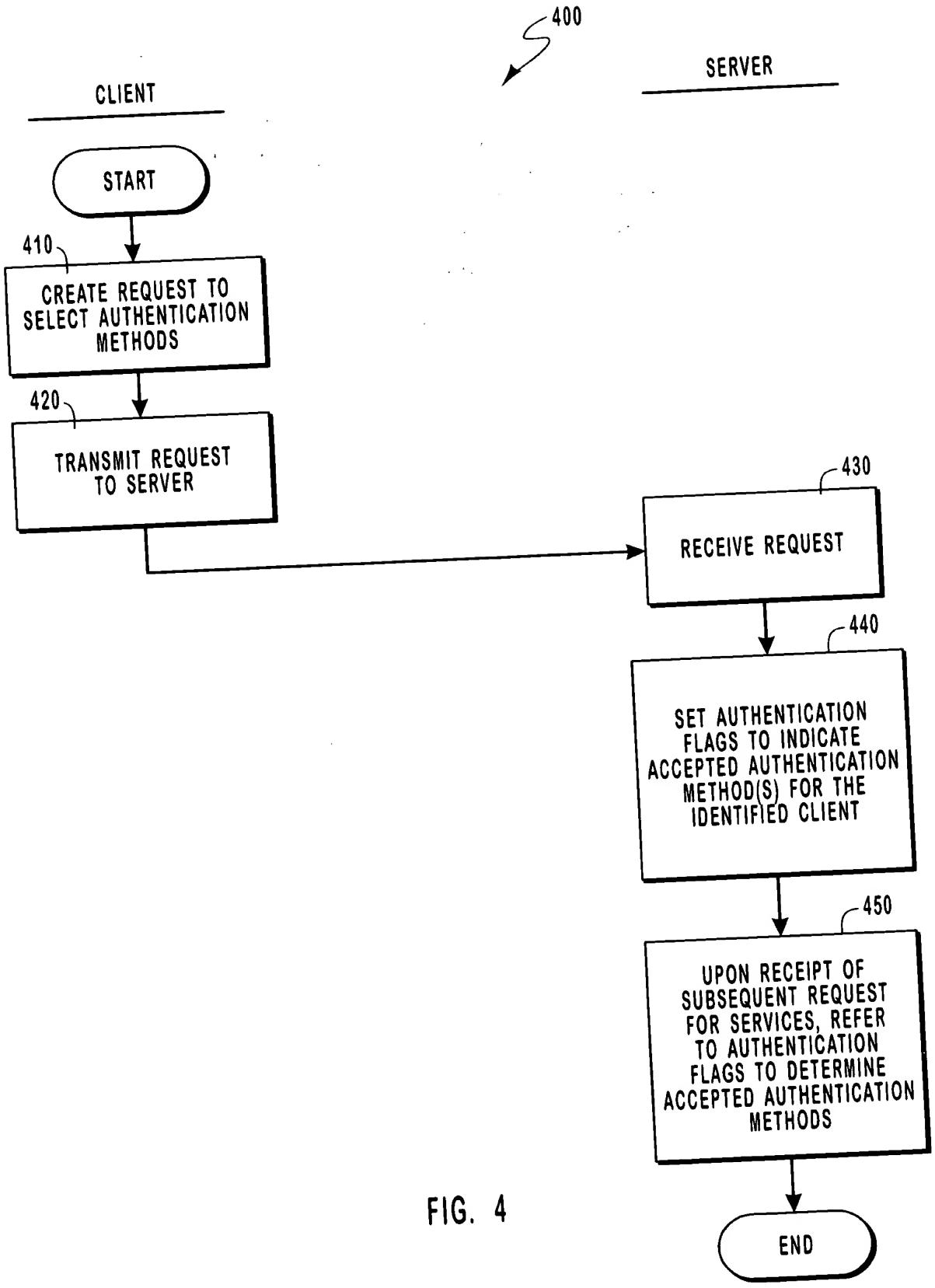
400
CLIENT
SERVER
START
410
CREATE REQUEST TO SELECT AUTHENTICATION METHODS
420
TRANSMIT REQUEST TO SERVER
430
RECEIVE REQUEST
440
SET AUTHENTICATION FLAGS TO INDICATE ACCEPTED AUTHENTICATION METHOD(S) FOR THE IDENTIFIED CLIENT
450
UPON RECEIPT OF SUBSEQUENT REQUEST FOR SERVICES, REFER TO AUTHENTICATION FLAGS TO DETERMINE ACCEPTED AUTHENTICATION METHODS
END

FIG. 4

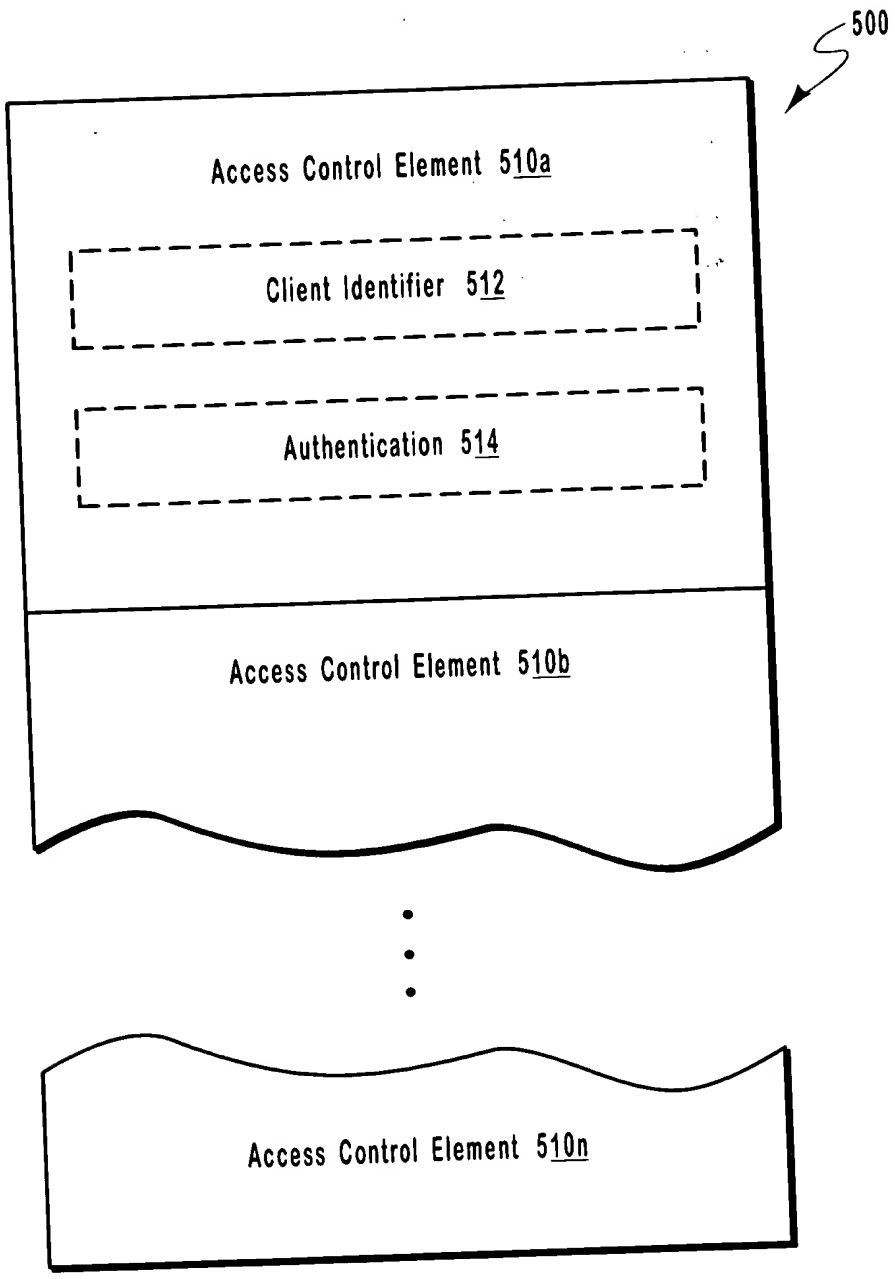
500
Access Control Element 510a
Client Identifier 512
Authentication 514
Access Control Element 510b
Access Control Element 510n

FIG. 5